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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>	Docket Number (optional) 500.26379R00
<p>I hereby declare that:</p> <p>The residence, mailing address and citizenship of the inventors are stated below.</p> <p>I am authorized to act on behalf of the following assignee: <u>HITACHI, LTD.</u></p> <p>and the title of my position with said assignee is: <u>Executive Officer of Intellectual Property Group</u></p> <p>The entire title to the patent identified below is vested in said assignee.</p>	
Inventor <u>Toshimitsu KAKU</u>	Citizenship <u>Japan</u>
Residence/Mailing Address <u>16-84, Nishihashimoto-1-chome, Sagamihara-shi, Japan</u>	
Inventor <u>Kazuo SHIGEMATSU</u>	Citizenship <u>Japan</u>
Residence/Mailing Address <u>1-12, Takahisa, Yoshikawamachi, Kitakatsushika-gun, Saitama-ken, Japan</u>	
<input checked="" type="checkbox"/> Additional Inventors are named on separately numbered sheets attached hereto. (Attachment 1)	
Patent Number <u>5,105,409</u>	Date of Patent Issued <u>April 14, 1992</u>
Title of Invention <u>METHOD AND APPARATUS FOR OPTICAL RECORDING AND REPRODUCTION WITH TRACKING SERVO REDUCING TRACK OFFSET</u>	
<p>I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled:</p> <p><u>METHOD AND APPARATUS FOR OPTICAL RECORDING AND REPRODUCTION WITH TRACKING SERVO REDUCING TRACK OFFSET</u></p> <p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / _____</p> <p>and was amended on _____</p> <p style="text-align: center;">(If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p><input checked="" type="checkbox"/> I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/2B (or equivalent) listing the foreign applications. (See Attachment 3)</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p>	

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**REISSUE APPLICATION DECLARATION BY THE ASSIGNEE**

Docket Number (Optional)

500.26379R00

At least one error upon which reissue is based is described as follows:

Although the original independent claims 1, 5 and 8 and the dependent claims thereof recite the feature of applying extracting pulses having a pulse width "at least equal to" the writing pulse width, such claims did not positively recite the feature of the extracting pulse width being "greater than" the writing pulse width. Claims 1, 5 and 8 have been amended to positively recite the feature of the extracting pulse width being "greater than" the writing pulse width.

All errors corrected in this reissue application up to the filing of this declaration arose without any deceptive intention on the part of the applicant.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

See Attachment 2

Correspondence Address: Direct all communications about the application to:



Customer Number

020457

Type Customer Number Here



OR

Firm or  
Individual  
Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of person signing (given name, family name) Mr. Yasuo Sakuta, Executive Officer,  
Intellectual Property Group, Hitachi, Ltd.

Signature

Date

Address of Assignee

6, Kanda Surugadai 4-Chome, Chiyoda-ku, Tokyo 101-8010 JAPAN

ATTACHMENT 1

Additional Inventors

Inventor Hisataka SUGIYAMA	Citizenship Japan
Residence/Mailing Address 4-15, Zenpukuji-1-chome, Suginami-ku, Tokyo, Japan	
Inventor Takeshi MAEDA	Citizenship Japan
Residence/Mailing Address 21-19, Honcho-4-chome, Kokubunji-shi, Japan	
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Residence/Mailing Address 28-18, Shimobori, Odawara-shi, Japan	

## ATTACHMENT 2

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States patent and Trademark Office connected therewith.

Name(s)	Registration Number
Donald R. Antonelli	20,296
David T. Terry	20,178
Donald E. Stout	26,422
Melvin Kraus	22,466
William I. Solomon	28,565
Gregory E. Montone	28,141
James N. Dresser	22,973
Alan E. Schiavelli	32,087
Carl I. Brundidge	29,621
Paul J. Skwierawski	32,173
Hung H. Bui	40,415
Alfred A. Stadnicki	30,226

### ATTACHMENT 3

Under the provisions of 35 USC §119 and 37 CFR §1.55, Applicants hereby reaffirm the claim of the right of priority based on Japanese Patent Application No. 62-204007, filed in Japan on August 19, 1987. The certified copy of the to Japanese Patent Application No. 62-204007 was filed on February 6, 1991 in application Serial No. 07/230,971, filed August 11, 1988, now U.S. Patent No. 5,105,409, for which reissue is requested.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: HITACHI, LTD.Application No./Patent No.: 5,105,409Filed/Issue Date: April 14, 1992Entitled: METHOD AND APPARATUS FOR OPTICAL RECORDING AND REPRODUCTION WITH TRACKING SERVO REDUCING TRACK OFFSETHITACHI, LTD., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 4917, Frame 450, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 17, 2003

Date

(03) 3212-1111

Telephone number

Mr. Yasuo Sakuta

Typed or printed name

Yasuo Sakuta

Signature

Executive Officer, Intellectual Property Group, Hitachi, Ltd.

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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